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# cppmath

Intel Core i7-1260P testing with a Framework FRANGACP06 (03.04 BIOS) and Intel Alder Lake-P IGP on Arch Linux via the Phoronix Test Suite.

## Test Systems:

### i7-1260p 5.19.1 framework

Processor: Intel Core i7-1260P @ 4.70GHz (12 Cores / 16 Threads), Motherboard: Framework FRANGACP06 (03.04 BIOS), Chipset: Intel Alder Lake PCH, Memory: 2 x 8 GB DDR4-3200MT/s, Disk: 1000GB Samsung SSD 980 PRO with Heatsink 1TB, Graphics: Intel Alder Lake-P IGP (1300MHz), Audio: IDT 92HD95, Network: Intel Wi-Fi 6 AX210/AX211/AX411

OS: Arch Linux, Kernel: 5.19.1-1-clear (x86_64), Desktop: Sway 1.7, Display Server: X Server 1.21.1.4, Compiler: GCC 12.1.1 20220730, File-System: btrfs, Screen Resolution: 2256x1504

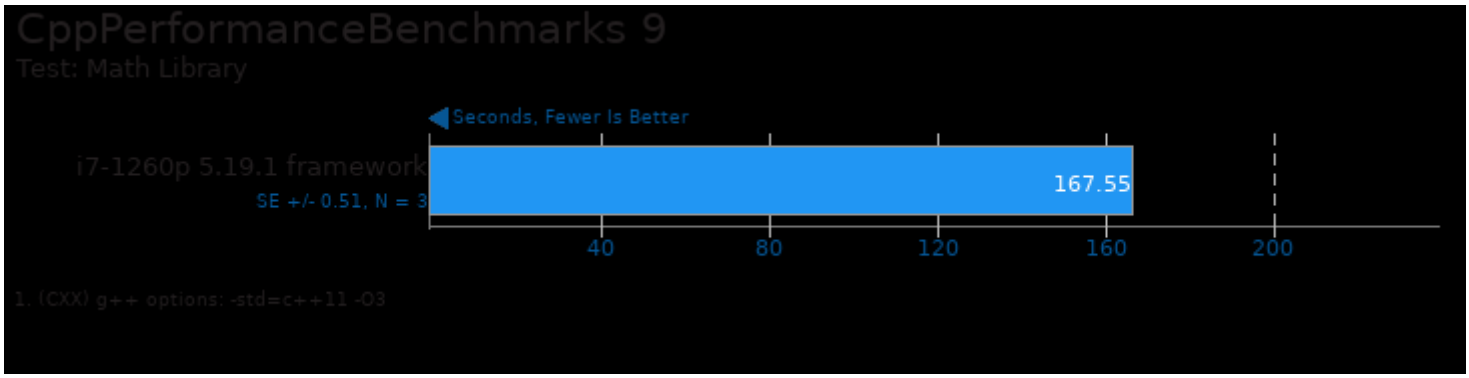
Kernel Notes: Transparent Huge Pages: always
Compiler Notes: --disable-libssp --disable-libstdcxx-pch --disable-werror --enable-__cxa_atexit --enable-bootstrap --enable-cet=auto --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-default-ssp --enable-gnu-indirect-function --enable-gnu-unique-object

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--enable-languages=c,c++,ada,fortran,go,lto,objc,obj-c++,d --enable-libstdcxx-backtrace --enable-link-serialization=1 --enable-lto --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-build-config=bootstrap-lto --with-linker-hash-style=gnu
Processor Notes: Scaling Governor: intel_pstate powersave (EPP: balance_performance) - CPU Microcode: 0x41d - Thermald 2.5.0
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + mmio_stale_data: Not affected + retbleed: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Enhanced IBRS IBPB: conditional RSB filling PBRSB-eIBRS: SW sequence + srbds: Not affected + tsx_async_abort: Not affected

| | i7-1260p 5.19.1 framework |
|---|---|
| **CppPerformanceBenchmarks - Math Library (sec)** | 167.548 |
| **Standard Deviation** | 0.5% |

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*This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 11:29.*